GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:3689
ANSWERED ON:12.12.2001
CENSUS ON NATURAL RESOURCES
JASWANT SINGH YADAV;SURESH RAMRAO JADHAV (PATIL)

Will the Minister of SPACE be pleased to state:

(a) whether the Indian Space Research Organisation (ISRO) has decided to develop a system for regular census of country`s natural resources;

(b) if so, the details thereof; and

(c) the steps taken/proposed to be taken to create a digital database for the country, covering all areas prone to natural disasters like cyclone, floods, droughts, landslides, earthquakes etc., to enable rapid monitoring of such disaster?

Answer

THE MINISTER OF STATE OF THE MINISTRY OF SMALL SCALE INDUSTRIES, MINISTER OF STATE IN THE MINISTRY O PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS, MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINIS OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND DEPARTMENT OF SPACE (SMT.VASUNDHARA RAJE):

(a) Yes, Sir.
(b) With the experience gained as part of the National Natural Resources Management System (NNRMS) − mainly in using satellite images for natural resources management and also to enable the availability of spatial databases on natural resources, it is proposed to initiate a Natural Resources Census programme for the country. By regular and systematic updating of the inventory, it will be possible to monitor changes and identify critical areas, which could then be monitored in more details and more frequently.

(c) Creation of digital databases of images and derived spatial information in support of disaster management is identified as a major activity. In respect of floods, landslides, droughts and cyclones, efforts have been made to create digital databases for specific regions in the country. Based on this experience, it is planned to organise a systematic digital database for disaster prone areas − which will be able to support disaster management activities in the country.